NEUROPEPTIDES

Neuropeptides (1992) **23**, 259–262
© Longman Group UK Ltd 1992

Subject Index to Volume 23

A

Acromegaly, stimulatory effect of peptide histidine methionine on growth hormone secretion in, 115
Adenohypophyseal vasoactive intestinal peptide in the male rat, immunocytochemical evidence of hypothalamic regulation of, 239
Adrenal gland
  comparison of the effects of neurotensin and vasopressin on the adrenal cortex of dexamethasone-suppressed rats, 9
  structural requirements for the effects of neuropeptide Y on the hypothalamic-pituitary-adrenal axis in the dog, 15
  vasoactive intestinal peptide is a secretagogue in bovine chromaffin cells pretreated with pertussis toxin, 187
Adrenocorticotropin-like molecules in lymphocytes: a study in different vertebrate classes, 215
Amygdala, effects of cocaine on the contents of neurohypophyseal hormones in, 27
Analgesic effects of two phenylalanyl-arginine enantiomers after intracerebroventricular or intrathecal injections in mice, 103
Antinociceptive and thermoregulatory actions of vasopressin are sensitive to a V_1-receptor antagonist, 137
Arthritis, adjuvant-induced, neuropeptide Y immunoreactivity in spleen and thymus following, 203
Astrocyte-rich suspension from rat cerebral cortex, somatostatin binding to, 1
Atrial natriuretic peptide (ANP): structure-activity studies on the effects of ANP BNP and their analogues on fear-motivated learning behaviour in rats, 61

B

Baroreflex regulation, central substance P increased blood pressure heart rate and splanchnic nerve activity in anaesthetized rats without impairment of, 81
Behaviour(al)
  effects of intracerebroventricular administration of calcitonin gene-related peptide on passive avoidance behaviour in rats, 51
  effects of two phenylalanyl-arginine enantiomers after intracerebroventricular or intrathecal injections in mice, 103
  structure-activity studies on the effects of atrial natriuretic peptide brain natriuretic peptide and their analogues on fear-motivated learning behaviour in rats, 61
Benextramine-neuropeptide Y binding site interactions: characterization of ^{3}H-NPY binding site heterogeneity in rat brain, 169
Blood pressure heart rate and splanchnic nerve activity in anaesthetized rats are increased by central substance P without impairment of the baroreflex regulation, 81
Brain natriuretic peptide (BNP): structure-activity studies on the effects of ANP BNP and their analogues on fear-motivated learning behaviour in rats, 61

C

Calcitonin gene-related peptide (CGRP)
  effects on passive avoidance behaviour in rats of intracerebroventricular administration of, 51
  mutual modification of vasoactivity by CGRP and endothelin-1 in isolated porcine ophthalmic artery, 209
  positive inotropic effects of, 193
Capsaicin
  2-deoxy-D-glucose- but not histamine-induced gastric acid secretion in the dog is inhibited by acute intragastric application of, 221
  [D-Met^2,Pro^5]enkephalinamide inhibits capsaicin-sensitive vasodilatation in pig skin, 227
  release and depletion of substance P in substantia gelatinosa following acute application of, 161
Carbohydrate consumption: resistance to insulin-induced hyperphagia in fat-preferring rats, 157
Cerebral cortex
  neuropeptides in GABAergic and cholinergic rat synaptosome sub-populations from, 67
  pre-synaptic dopaminergic control mechanisms for CCK-8-like immunoreactivity in the rat medial frontal cortex, 55
  somatostatin binding to fresh rat astrocyte-enriched suspension, 1
Cholecystokinin (CCK)
  modulation of CCK gene expression in a human neuroblastoma cell line: effects of serum on enhanced CCK and c-fos mRNA expression, 107
  possible role of CCK-A receptors in regulation of thyrotropin secretion in male rats, 251
  pre-synaptic dopaminergic control mechanisms for CCK-8-like immunoreactivity in the rat medial frontal cortex, 55
Cholinergic neurones: neuropeptides in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
Cocaine, effects on the contents of neurohypophyseal hormones in the plasma and in different brain structures in rats of, 27
Corticotropin-releasing hormone (CRH; CRF)
  influence on the migration of human monocytes in vitro of, 99
  interleukin-6 and CRH mRNA are modulated during differentiation of human neuroblastoma cells, 45
Cyclic AMP
  in astrocytes from rat cerebral cortex, effects of somatostatin on, 1
  in rat peritoneal macrophages, somatostatin inhibition of vasoactive intestinal peptide- and isoproterenol-stimulated production of, 39

D

Dizocilpine (NMDA-receptor antagonist) suppresses the memory facilitatory action of thyrotropin-releasing hormone, 87
Dopamine: pre-synaptic dopaminergic control mechanisms for CCK-8-like immunoreactivity in the rat medial frontal cortex, 55

E

Endothelin-1, mutual modification of vasoactivity in isolated porcine ophthalmic artery by calcitonin gene-related peptide and, 209
Enkephalin(s)
  [D-Met^2,Pro^5]enkephalinamide inhibits capsaicin-sensitive vasodilatation in pig skin, 227
  prenatal stress alters the hypothalamic levels of methionine-enkephalin in pup rats, 131

F

Food consumption: resistance to insulin-induced hyperphagia in fat-preferring rats, 157
Footfall contact patterns in the rat, disturbance by thyrotropin-releasing hormone analogue CG3703 of, 33

G

GABA (gamma-aminobutyric acid): neuropeptides in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
Galanin occurs in two conformations, 153
Gastric acid secretion in the dog, effects of acute intragastric application of capsaicin on, 221
Glucose: resistance to insulin-induced hyperphagia in fat-preferring rats, 157
Glutamate stimulates release of α-melanocyte-stimulating hormone from the rat hypothalamus, 93
G-protein: and secretagogue action of vasoactive intestinal peptide in bovine chromaffin cells pretreated with pertussis toxin, 187
Growth hormone secretion in acromegaly, stimulatory effect of peptide histidine methionine on, 115

H

Headache: mutual modification of vasoactivity by calcitonin gene-related peptide and endothelin-1 in isolated porcine ophthalmic artery, 209
Heart
  blood pressure heart rate and splanchnic nerve activity in anaesthetized rats are increased by central substance P without impairment of the baroreflex regulation, 81
  positive inotropic effects of calcitonin gene-related peptide and isoprenaline, 193
Hippocampus, effects of cocaine on the contents of neurohypophyseal hormones in, 27
5-Hydroxytryptamine: effect of p-chloroamphetamine and p-chlorophenylalanine on the level of thyrotropin-releasing hormone and its receptors in some brain structures and lumbar spinal cord of the rat, 19
Hypophysis: immunocytochemical evidence of hypothalamic regulation of adenohypophyseal vasoactive intestinal peptide in the male rat, 239
Hypothalamus
  effects of cocaine on the contents of neurohypophyseal hormones in, 27
  α-melanocyte-stimulating hormone release is stimulated in the rat by endogenous glutamate, 93
  methionine-enkephalin levels in pup rats are altered by prenatal stress, 131
  and regulation of adenohypophyseal vasoactive intestinal peptide in the male rat, 239
  structural requirements for the effects of neuropeptide Y on the hypothalamic-pituitary-adrenal axis in the dog, 15

I

Immune response
  ACTH-like molecules in lymphocytes: a study in different vertebral classes, 215
  influence of corticotropin-releasing factor and α-melanocyte-stimulating hormone on the migration of human monocytes in vitro, 99
  interleukin-6 and corticotropin-releasing hormone mRNA are modulated during differentiation of human neuroblastoma cells, 45
  neuropeptide Y immunoreactivity in spleen and thymus of normal rats and following adjuvant-induced arthritis, 203
  somatostatin inhibition of vasoactive intestinal peptide- and isoproterenol-stimulated cyclic AMP production in rat peritoneal macrophages, 39
  thyrotropin-releasing hormone increases thymus cell proliferation in rats, 199
Inotropic effects of calcitonin gene-related peptide and isoprenaline, 193
Insulin
  galanin occurs in two conformations, 153
  resistance to insulin-induced hyperphagia in fat-preferring rats, 157
Interleukin-6 and corticotropin-releasing hormone mRNA are modulated during differentiation of human neuroblastoma cells, 45
Isoprenaline, positive inotropic effects of, 193
Isoproterenol-stimulated cyclic AMP production in rat peritoneal macrophages, somatostatin inhibition of, 39

L

Learning
  effects of intracerebroventricular administration of calcitonin gene-related peptide on passive avoidance behaviour in rats, 51
  NMDA-receptor antagonist dizocilpine suppresses the memory facilitatory action of thyrotropin-releasing hormone, 87
  structure-activity studies on the effects of atrial natriuretic peptide brain natriuretic peptide and their analogues on fear-motivated learning behaviour in rats, 61
Locomotion
  disturbance of spatiotemporal footfall contact patterns in the rat by thyrotropin-releasing hormone analogue CG3703, 33
  effects of two phenylalanyl-arginine enantiomers after intracerebroventricular or intrathecal injections in mice, 103
Lymphocytes of different vertebral classes, ACTH-like molecules in, 215

M

α-Melanocyte-stimulating hormone
  influence on the migration of human monocytes in vitro of, 99
  release from the rat hypothalamus is stimulated by endogenous glutamate, 93
Memory
  effects of intracerebroventricular administration of calcitonin-gene-related peptide on passive avoidance behaviour in rats, 51
  NMDA-receptor antagonist dizocilpine suppresses memory facilitatory action of thyrotropin-releasing hormone, 87
  Methionine-enkephalin, prenatal stress alters hypothalamic levels in pup rats of, 131
  Monocytes, human, influence of corticotropin-releasing factor and α-melanocyte-stimulating hormone on the migration in vitro of, 99

N

Neuroblastoma cells, human
  interleukin-6 and corticotropin-releasing hormone mRNA are modulated during differentiation of, 45
  modulation of cholecystokinin gene expression in, 107
Neurokinin (NK) receptors
  comparison in different tissue preparations of the in vitro pharmacological profile of new non-peptide substance P antagonist RP 67580, 245
  heterogeneity of tachykinin NK-2 receptors in rabbit guinea-pig and human smooth muscles, 181
  pharmacologic characterization of the novel ligand [4,5-^{3}H-Leu^9]-neurokinin A binding to NK-2 receptors on hamster urinary bladder membranes, 121
  [Pro^9]substance P and [Glu^8,Pro^9]SP(6–11) interact with two different receptors in the guinea-pig ileum as demonstrated with new SP antagonists, 73
  structure-activity relationship study of R396 an NK-2 tachykinin antagonist selective for the NK_{2B} receptor subtype, 143
Neuropeptide Y (NPY)
  benextramine-NPY binding site interactions: characterization of ^{3}H-NPY binding site heterogeneity in rat brain, 169
  in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
  in spleen and thymus of normal rats and following adjuvant-induced arthritis, 203
  structural requirements for the effects of NPY on the hypothalamic-pituitary-adrenal axis in the dog, 15
Neurotensin, comparison of the effects on the adrenal cortex of dexamethasone-suppressed rats of vasopressin and, 9
N-methyl-D-aspartate (NMDA) receptors
  endogenous glutamate stimulates release of α-melanocyte-stimulating hormone from rat hypothalamus through NMDA-type receptors, 93
  NMDA-receptor antagonist dizocilpine suppresses the memory facilitatory action of thyrotropin-releasing hormone, 87
Nociception
  antinociceptive and thermoregulatory actions of vasopressin are sensitive to a V_1-receptor antagonist, 137
  behavioural effects of two phenylalanyl-arginine enantiomers after intracerebroventricular or intrathecal injections in mice, 103
  effects of sandostatin and somatostatin on nociceptive transmission in the dorsal horn of the rat spinal cord, 147
  mutual modifications of vasoactivity by calcitonin gene-related peptide and endothelin-1 in isolated porcine ophthalmic artery, 209
Nucleus accumbens
  effect of p-chloroamphetamine and p-chlorophenylalanine on the level of thyrotropin-releasing hormone and its receptors in, 19
  effects of cocaine on the contents of neurohypophyseal hormones in, 27

O

Opioids
  and behavioural effects of two phenylalanyl-arginine enantiomers after intracerebroventricular or intrathecal injections in mice, 103
  [D-Met^2,Pro^5]enkephalinamide inhibits capsaicin-sensitive vasodilatation in pig skin, 227
  prenatal stress alters the hypothalamic levels of methionine-enkephalin in pup rats, 131
Oxytocin in plasma and in different brain structures in rats, effects of cocaine on, 27

P

Passive avoidance behaviour *see under* Behaviour
Peptide histidine methionine stimulation of growth hormone secretion in acromegaly: a dose-related study and a comparison with vasoactive intestinal peptide, 115
Peritoneal macrophages, somatostatin inhibition of vasoactive intestinal peptide- and isoproterenol-stimulated cyclic AMP production in, 39
Pertussis toxin-pretreated bovine chromaffin cells, secretagogue action of vasoactive intestinal peptide in, 187
Phenylalanyl-arginine: behavioural effects of two dipeptides after intracerebroventricular or intrathecal injections in mice, 103
Pituitary gland
  and possible role of cholecystokinin-A receptors in regulation of thyrotropin secretion in male rats, 251
  structural requirements for the effects of neuropeptide Y on the hypothalamic-pituitary-adrenal axis in the dog, 15
  VIP-receptors: and peptide histidine methionine stimulation of growth hormone secretion in acromegaly, 115
Posture: disturbance of spatiotemporal footfall contact patterns in the rat by thyrotropin-releasing hormone analogue CG3703, 33
Prenatal stress alters the hypothalamic levels of methionine-enkephalin in pup rats, 131
Proto-oncogenes: effects of serum on enhanced cholecystokinin and c-fos mRNA expression in a human neuroblastoma cell line, 107

S

Somatostatin (SS)
  binding to a fresh rat astrocyte-enriched suspension, 1
  effects of sandostatin and SS on nociceptive transmission in the dorsal horn of the rat spinal cord, 147

in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
inhibition of vasoactive intestinal peptide- and isoproterenol-stimulated cyclic AMP production in rat peritoneal macrophages, 39
Spinal cord
effects in the rat of sandostatin and SS on nociceptive transmission in the dorsal horn of, 147
lumbar, effect of p-chloroamphetamine and p-chlorophenylalanine on the level of thyrotropin-releasing hormone and its receptors in, 19
Splanchnic nerve activity blood pressure and heart rate in anaesthetized rats are increased by central substance P without impairment of the baroreflex regulation, 81
Spleen of normal rats and following adjuvant-induced arthritis, neuropeptide Y-immunoreactivity in, 203
Stomach: acute intragastric application of capsaicin inhibits 2-deoxy-D-glucose- but not histamine-induced gastric acid secretion in the dog, 221
Stress
influence of corticotropin-releasing factor and α-melanocyte-stimulating hormone on the migration of human monocytes in vitro, 99
prenatal, hypothalamic levels of methionine-enkephalin in pup rats are altered by, 131
Striatum, effect of p-chloroamphetamine and p-chlorophenylalanine on the level of thyrotropin-releasing hormone and its receptors in, 19
Substance P (SP)
central SP increased blood pressure, heart rate and splanchnic nerve activity in anaesthetized rats without impairment of the baroreflex regulation, 81
in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
non-peptide antagonist RP67580, comparison in different tissue preparations of the in vitro pharmacological profile of, 245
[Pro^9]SP and [pGlu^6,Pro^9]SP(6–11) interact with two different receptors in the guinea-pig ileum as demonstrated with new SP antagonists, 73
release and depletion in substantia gelatinosa following acute application of capsaicin, 161
Substantia gelatinosa, release and depletion of substance P by capsaicin in, 161

T

Tachykinin receptors *see* Neurokinin receptors
Thermoregulatory and antinociceptive actions of vasopressin are sensitive to a V_1-receptor antagonist, 137
Thymus
cell proliferation in rats, effect of thyrotropin-releasing hormone on, 199
of normal rats and following adjuvant-induced arthritis, neuropeptide Y immunoreactivity in, 203
Thyrotropin secretion in male rats, possible role of cholecystokinin-A receptors in regulation of, 251
Thyrotropin-releasing hormone (TRH)
disturbance of spatiotemporal footfall contact patterns in the rat by analogue CG3703 of, 33
effect of p-chloroamphetamine and p-chlorophenylalanine on level of TRH and its receptors in some brain structures and lumbar spinal cord of the rat, 19
memory facilitatory action of TRH is suppressed by the NMDA-receptor antagonist dizocilpine, 87
thymus cell proliferation in rats is increased by, 199
Tumour(s)
interleukin-6 and corticotropin-releasing hormone mRNA are modulated during differentiation of human neuroblastoma cells, 45
modulation of cholecystokinin gene expression in a human neuroblastoma cell line: effects of serum on enhanced CCK and c-fos mRNA expression, 107

V

Vascular system
central substance P increased blood pressure, heart rate and splanchnic nerve activity in anaesthetized rats without impairment of the baroreflex regulation, 81
[D-Met^2,Pro^5]enkephalinamide inhibits capsaicin-sensitive vasodilatation in pig skin, 227
mutual modification of vasoactivity by calcitonin gene-related peptide and endothelin-1 in isolated porcine ophthalmic artery, 209
Vasoactive intestinal peptide (VIP)
adenohypophyseal, immunocytochemical evidence in the male rat of hypothalamic regulation of, 239
in GABAergic and cholinergic rat cerebrocortical synaptosome sub-populations, 67
and peptide histidine methionine stimulation of growth hormone secretion in acromegaly, 115
is secretagogue in bovine chromaffin cells pretreated with pertussis toxin, 187
somatostatin inhibition of VIP-stimulated cyclic AMP production in rat peritoneal macrophages, 39
Vasopressin
antinociceptive and thermoregulatory actions are sensitive to a V_1-receptor antagonist, 137
comparison of the effects on the adrenal cortex of dexamethasone-suppressed rats of neurotensin and, 9
in plasma and in different brain structures in rats, effects of cocaine on, 27

NEUROPEPTIDES

Neuropeptides (1992) **23**, 263–264
© Longman Group UK Ltd 1992

Author Index to Volume 23

A

AHARONY, D., 121
AHRÉN, B., 153
AMERINI, S., 193
ANNICCHIARICO-PETRUZZELLI, M., 45
ARILLA, E., 1
ASTOLFI, M., 143

B

BABA, S., 15
BAKKEN, I. J., 209
BALDINI, M. G., 99
BARTHÓ, L., 227
BEAUJOUAN, J. C., 73
BERNARDI, M., 99
BERTOLINI, A., 99
BIDZSERANOVA, A., 61
BÍRÓ, É., 27
BISWAS, S., 203
BLOOM, S. R., 67
BRADFORD, H. F., 67
BRATTSTRÖM, A., 81
BRUNISSEN, A., 73

C

CACICEDO, L., 239
CALVO, J. R., 39
CARRETERO, J., 239
CARRUETTE, A., 73, 245
CHAMPION, A., 245
CHAPMAN, V., 147
CHASSAING, G., 73
CHIZH, B. A., 87
CHOWDREY, H., 203
CHU, S. S., 169
CLARKE, K. A., 33
COLÁS, B., 1
CONNER, G. E., 121
COSSARIZZA, A., 215
COTTEZ, D., 245

D

DICKENSON, A. H., 147
DOUGHTY, M. B., 169
D'SOUZA, L., 203

E

EDVINSSON, L., 209
ERNST, R., 227
EVANGELISTA, S., 221

F

FAULSTROH, K., 227
FILIPPI, S., 193
FINAZZI-AGRO, A., 45
FOLEY, P., 67
FRANCHINI, A., 215
FRANCOS, M., 239
FRENCESCHI, C., 215
FUENTE, T., 131
FUKAMAUCHI, F., 55

G

GARRET, C., 73, 245
GENEDANI, S., 99
GHATEI, M. A., 67
GIACHETTI, A., 181
GIULIANI, S., 181
GLOWINSKI, J., 73
GOBERNA, R., 39
GOLEMBIOWSKA, K., 19
GONIOT, P., 245
GUERON, J., 61
GUERRERO, J. M., 39

H

HAAHR, P. M., 107
HAPPEL, M., 157
HARRO, J., 251
HART, S. L., 137
HERMAN, Z. S., 103
HIROSUE, Y., 15
HU, L., 169
HUGHES, P. D., 67

I

INOUE, T., 15
INTORRE, L., 221
INUI, A., 15

J

JAWORSKA, L., 19
JESSOP, D., 203
JUKIC, D., 143
JUUL, R., 209

K

KASPAROV, S. A., 87
KASUGA, M., 15
KHANDANIAN, N., 67
KNIGHT, R. A., 45
KOVÁCS, A., 51
KOVÁCS, G. L., 27

L

LACZI, F., 27
LAORDEN, M. L., 131
LAVIELLE, S., 73
LEDDA, F., 193
LEIBIGER, I., 153
LESNIEWSKA, B., 9
LI, K., 169
LIGHTMAN, S. L., 45, 203
LINDSKOG, S., 153
LORENZO, M. J., 239

M

MAGGI, C. A., 143, 181
MALENDOWICZ, L. K., 9
MÄNNISTÖ, P. T., 251
MANTELLI, L., 193
MANZINI, S., 143
MELINO, G., 45
MENGOZZI, G., 221
MILANÉS, M. V., 131
MIURA, M., 15
MIZRAHI, J., 181
MONSTEIN, H. J., 107
MOUSSAOUI, S. M., 245
MROWIEC, J., 103

N

NAKAJIMA, M., 15
NOWAK, M., 9

NUSSDORFER, G. G., 9

O

OKITA, M., 15
OLUYOMI, A. O., 137
OTTAVIANI, E., 215

P

PACINI, F., 221
PATACCHINI, R., 181
PAWLIKOWSKI, M., 199
PEDERSEN, K., 107
PETHŐ, G., 227
PETITET, F., 73
PEURANEN, E., 251
PIERAU, FR.-K., 227
PLECH, A., 103
PRASAD, A., 157
PRASAD, C., 157
PRIETO, J. P., 1
PRZEGALIŃSKI, E., 19

Q

QUARTARA, L., 181

R

REGOLI, D., 143
RENZETTI, A. R., 181
ROUISSI, N., 143
ROVERO, P., 143, 181
RUBIO, M., 239

S

SAFFROY, M., 73
SÁNCHEZ, F., 239
SANCHEZ, M. D., 131
SÁNCHEZ-FRANCO, F., 239
SANN, H., 227
SARLIS, N. J., 45
SARNYAI, Z., 27
SEGURA, J. J., 39
SEIDENBECHER, T., 81
SHIBUYA, H., 55
SIEMION, I. Z., 103
SJAASTAD, O., 209
SOLDANI, G., 221
STEPHANOU, A., 45
SZABÓ, G., 27

T

TAKEBE, K., 115
TELEGDY, G., 51, 61
TERANISHI, A., 15
TESSEL, R., 169
TORRENS, Y., 73
TÓTH, G., 61

V

VARGA, J., 61
VASAR, E., 251
VÁZQUEZ, R., 239
VECSERNYÉS, M., 27
VINCENT, M. B., 209

W

WATANOBE, H., 115
WAYMAN, C. P., 93
WHITE, L. R., 209
WILSON, J. F., 93
WILSON, S. P., 187
WINCZYK, K., 199
WOODHOUSE, D. P., 121

Y

YANG, H.-Q., 161
YOSHIKAWA, T., 55

Z

ŻEREK-MEŁEŃ, G., 199
ZHANG, K.-M., 161
ZHAO, Z.-Q., 161
ZHUANG, X.-X., 161
ZÜHLKE, H., 153